

S/N 09/145,595

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ji Ung Lee

Examiner: Karabi Guharay

Serial No.: 09/145,595

Group Art Unit: 2879

Filed: September 2, 1998

Docket: 303.537US1

Title: FIELD EMISSION DEVICES HAVING STRUCTURE FOR REDUCED
EMITTER TIP TO GATE SPACING (as amended herewith)

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents

Washington, D.C. 20231

Applicant has reviewed the Office Action mailed on April 3, 2000. Please amend the above-identified patent application as follows.

Affirmation of Election

As provisionally elected by Applicant's representative, Edward J. Brooks, III, on March 15, 2000, Applicant elects to prosecute the invention of Group II, claims 36-46.

The claims of the non-elected invention, claims 1-35, are hereby canceled. However, Applicant reserves the right to later file continuations or divisions having claims directed to the non-elected inventions.

IN THE TITLE

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed. Therefore please delete the title, "Structure and Method for Reduced Emitter Tip to Gate Spacing in Field Emission Devices" and insert in its place the following title--~~FIELD EMISSION DEVICES HAVING STRUCTURE FOR REDUCED EMITTER TIP TO GATE SPACING--~~.

IN THE CLAIMS

Please amend the claims as follows:

36. (Once Amended) A field emitter array, comprising:
a number of cathodes formed in rows along a substrate;
a gate insulator formed along the substrate and surrounding the cathodes;
a number of gate lines formed on the gate insulator; and

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